

# Program of Instruction

## Course Syllabus

**Course Title:** Acquired Structure Burn

**Course Duration:** 8 hours

**Program:** Fire Fighting

**Course Prerequisites:** None

**Course Description:** An acquired structure burn is a unique opportunity for fire fighters to learn new skills, as well as, to hone previously acquired abilities. As a result, this course has been designed for fire fighters of every background, training and experience level. The course is appropriate for any volunteer, paid-on-call, or career fire department member. Topics covered will include fire behavior, hose movement, ventilation techniques, search and rescue, fire attack, and coordinated fire attack. Drills and scenarios will be customized to match the resources and personnel available. There may be instances where all topics are not covered due to structure, equipment, and/or personnel limitations.

### **Course Recommendations:**

#### Summary of Directions

Pre-Course Work: Basic SCBA skills, ladder handling, and hose movement training

Course Work: None

Post-Course Work: None

### **Course Policies:**

**Safety Policy:** Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

**Academic Integrity Policy:** IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

**American Disabilities Act:** As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs.

## **Course Content:**

### **Drills**

Advance a 2 ½" attack line  
Advance an 1 ¾" attack line  
Advancing and Flowing  
Flow Paths and Fire Behavior  
Stream Application  
Hoseline Up and Down Stairs  
Inward and Outward Doors – Forcible Entry  
Ladder Carries  
Ladder Raises  
Tying a Halyard  
Pitched Roof Ventilation – Hand Tools  
Pitched Roof Ventilation – Saw  
Flat Roof Ventilation – Hand Tools  
Flat Roof Ventilation – Saw  
Search

### **Scenarios**

Single Family Dwelling Fires  
Acquired Structure Coordinated Fire Attack

## **Reference List:**

Basic Operations Firefighter Instructor Reference Manual, Illinois Office of the State Fire Marshal, July 2010.

Basic Firefighter/NFPA Firefighter I Academy Instructor Manual, Illinois Fire Service Institute, April 2013.

NFPA 1001, Standard for Fire Fighter Professional Qualifications, 2008 Edition.

NFPA 1403, Standard on Live Fire Training Evolutions, 2012 Edition.